

ROBERT BATTISTA

Senior Consulting Engineer



Robert Battista is a senior consulting engineer at Modality Solutions. Robert works with clients to strategically create the proper validation of their cold chain systems through risk and gap analysis and the creation of subsequent mitigation plans. He then implements a validation master plan through the creation of standard operating procedures, qualification of critical equipment, validation of processes, and in-person training for essential personnel. This risk based strategy results in a validated supply chain in full alignment with regulatory expectations.

As a senior consulting engineer, Robert has the responsibility of onboarding and mentoring new engineers as Modality Solutions continues to expand. His leadership within the company also encompasses cutting-edge research into supply chain hazards and solutions.

Robert assisted in three overseas Ebola clinical trial operations in challenging environments. Most recently he served as a Subject Matter Expert (SME) in the Democratic Republic of the Congo (DRC). In this high-security risk environment, he and co-founder Dan Littlefield ensured that three active Ebola Treatment Unit pharmacy depots met FDA and other international regulations regarding best practices associated with cold chain product storage, distribution, monitoring/controls, and documentation.

They evaluated the readiness of both active and pending sites for cold chain operations by performing gap analyses and assessing the existing cold chain processes, including the qualification of refrigerators and freezers used to store investigational medical products for current and upcoming trials. Emergency backup and contingency plans were developed for all sites with local personnel trained on the response procedures. Robert has also assisted in training local Ebola response staff members on cold chain procedures and fundamentals of understanding the use and maintenance of the critical equipment at the sites.

Before joining Modality Solutions in 2016, Robert's chemical engineering experience and research included reclamation of energy from pollutant bodies of water, operating characteristics of fuel cells, the reaction kinetics of acetic anhydride, operating characteristics of a CO₂ absorption column, and desalination of water through reverse osmosis.

Robert attended The Ohio State University where he received his Bachelor of Science degree in chemical engineering with a minor in physical geography.

Education

Bachelor of Science, Chemical Engineering

The Ohio State University